

**NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING
NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES**

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):

- ☐ 1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to these regulations, published at 1114 OG 29, May 15, 1990 and at 55 FR 18230, May 1, 1990.
- ☐ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
- ☐ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing."
- ☐ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
- ☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).
- ☐ 7. Other: additional sequences found

Applicant Must Provide:

- ☒ An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".
- ☐ An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification.
- ☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).

For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (703) 308-4216

For CRF Submission Help, call (703) 308-4212

PatentIn Software Program Support (SIRA)

Technical Assistance.....703-287-0200

To Purchase PatentIn Software.....703-306-2600

PLEASE RETURN A COPY OF THIS NOTICE WITH YOUR RESPONSE

OIEP

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/893,615

DATE: 07/13/2001

TIME: 13:53:58

Input Set : A:\Fischer 41-01.txt

Output Set: N:\CRF3\07132001\I893615.raw

SEQUENCE LISTING

ENTERED

4 (1) GENERAL INFORMATION:

6 (i) APPLICANT: Fischer, Gerald W.

7 Schuman, Richard F.

8 Wong, Hing

9 Stinson, Jeffrey L.

11 (ii) TITLE OF INVENTION: OPSONIC AND PROTECTIVE MONOCLONAL AND

12 CHIMERIC ANTIBODIES SPECIFIC FOR LIPOTEICHOIC ACID OF

GRAM

13 POSITIVE BACTERIA

15 (iii) NUMBER OF SEQUENCES: 89

17 (iv) CORRESPONDENCE ADDRESS:

18 (A) ADDRESSEE: FINNEGAN, HENDERSON, FARABOW, GARRETT &

19 DUNNER, LLP

20 (B) STREET: 1300 I Street, NW

21 (C) CITY: Washington

22 (D) STATE: DC

23 (E) COUNTRY: USA

24 (F) ZIP: 20005-3315

26 (v) COMPUTER READABLE FORM:

27 (A) MEDIUM TYPE: Floppy disk

28 (B) COMPUTER: IBM PC compatible

29 (C) OPERATING SYSTEM: PC-DOS/MS-DOS

30 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30

32 (vi) CURRENT APPLICATION DATA:

C--> 33 (A) APPLICATION NUMBER: US/09/893,615

C--> 34 (B) FILING DATE: 29-Jun-2001

36 (viii) ATTORNEY/AGENT INFORMATION:

37 (A) NAME: Einaudi, Carol P.

38 (B) REGISTRATION NUMBER: 32,220

39 (C) REFERENCE/DOCKET NUMBER: 04995.0041-00000

41 (ix) TELECOMMUNICATION INFORMATION:

42 (A) TELEPHONE: 202-408-4000

43 (B) TELEFAX: 202-408-4400

46 (2) INFORMATION FOR SEQ ID NO: 1:

48 (i) SEQUENCE CHARACTERISTICS:

49 (A) LENGTH: 15 amino acids

50 (B) TYPE: amino acid

51 (C) STRANDEDNESS:

52 (D) TOPOLOGY: linear

54 (ii) MOLECULE TYPE: peptide

59 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

61 Trp Arg Met Tyr Phe Ser His Arg His Ala His Leu Arg Ser Pro

62 1 5 10 15

64 (2) INFORMATION FOR SEQ ID NO: 2:

66 (i) SEQUENCE CHARACTERISTICS:

67 (A) LENGTH: 15 amino acids

68 (B) TYPE: amino acid

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69          (C) STRANDEDNESS:
70          (D) TOPOLOGY: linear
72      (ii) MOLECULE TYPE: peptide
77      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
79      Trp His Trp Arg His Arg Ile Pro Leu Gln Leu Ala Ala Gly Arg
80      1          5          10          15
82 (2) INFORMATION FOR SEQ ID NO: 3:
84      (i) SEQUENCE CHARACTERISTICS:
85          (A) LENGTH: 21 base pairs
86          (B) TYPE: nucleic acid
87          (C) STRANDEDNESS: single
88          (D) TOPOLOGY: linear
90      (ii) MOLECULE TYPE: other nucleic acid
91          (A) DESCRIPTION: /desc = "primer"
96      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
98 TGAATTTTCT GTATGAGGTT T
21
100 (2) INFORMATION FOR SEQ ID NO: 4:
102      (i) SEQUENCE CHARACTERISTICS:
103          (A) LENGTH: 30 base pairs
104          (B) TYPE: nucleic acid
105          (C) STRANDEDNESS: single
106          (D) TOPOLOGY: linear
108      (ii) MOLECULE TYPE: cDNA
111      (ix) FEATURE:
112          (A) NAME/KEY: CDS
113          (B) LOCATION: 1..30
116      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
118 GGG GCT CAT GCG GAT AGG GTT TAT GGG GCC
30
119 Gly Ala His Ala Asp Arg Val Tyr Gly Ala
120 1          5          10
123 (2) INFORMATION FOR SEQ ID NO: 5:
125      (i) SEQUENCE CHARACTERISTICS:
126          (A) LENGTH: 10 amino acids
127          (B) TYPE: amino acid
128          (D) TOPOLOGY: linear
130      (ii) MOLECULE TYPE: protein
132      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
134 Gly Ala His Ala Asp Arg Val Tyr Gly Ala
135 1          5          10
137 (2) INFORMATION FOR SEQ ID NO: 6:
139      (i) SEQUENCE CHARACTERISTICS:
140          (A) LENGTH: 30 base pairs
141          (B) TYPE: nucleic acid
142          (C) STRANDEDNESS: single
143          (D) TOPOLOGY: linear
145      (ii) MOLECULE TYPE: cDNA
148      (ix) FEATURE:
149          (A) NAME/KEY: CDS
150          (B) LOCATION: 1..30

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153      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
155 GGG ANT CAT GCG GAT AGG GTT TAT GGG GCC
W--> 156 Gly Xaa His Ala Asp Arg Val Tyr Gly Ala
157   1           5           10
160 (2) INFORMATION FOR SEQ ID NO: 7:
162      (i) SEQUENCE CHARACTERISTICS:
163          (A) LENGTH: 10 amino acids
164          (B) TYPE: amino acid
165          (D) TOPOLOGY: linear
167      (ii) MOLECULE TYPE: protein
169      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
W--> 171 Gly Xaa His Ala Asp Arg Val Tyr Gly Ala
172   1           5           10
174 (2) INFORMATION FOR SEQ ID NO: 8:
176      (i) SEQUENCE CHARACTERISTICS:
177          (A) LENGTH: 57 base pairs
178          (B) TYPE: nucleic acid
179          (C) STRANDEDNESS: single
180          (D) TOPOLOGY: linear
182      (ii) MOLECULE TYPE: cDNA
185      (ix) FEATURE:
186          (A) NAME/KEY: CDS
187          (B) LOCATION: 1..57
190      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
192 GGG GCT TGG CAT TGG CGT CAT CGT ATT CCT CTT CAG CTT GCT GCT GGT
193 Gly Ala Trp His Trp Arg His Arg Ile Pro Leu Gln Leu Ala Ala Gly
194   1           5           10           15
196 CGT GGG GCC
197 Arg Gly Ala
201 (2) INFORMATION FOR SEQ ID NO: 9:
203      (i) SEQUENCE CHARACTERISTICS:
204          (A) LENGTH: 19 amino acids
205          (B) TYPE: amino acid
206          (D) TOPOLOGY: linear
208      (ii) MOLECULE TYPE: protein
210      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
212 Gly Ala Trp His Trp Arg His Arg Ile Pro Leu Gln Leu Ala Ala Gly
213   1           5           10           15
215 Arg Gly Ala
218 (2) INFORMATION FOR SEQ ID NO: 10:
220      (i) SEQUENCE CHARACTERISTICS:
221          (A) LENGTH: 57 base pairs
222          (B) TYPE: nucleic acid
223          (C) STRANDEDNESS: single
224          (D) TOPOLOGY: linear
226      (ii) MOLECULE TYPE: cDNA
229      (ix) FEATURE:
230          (A) NAME/KEY: CDS
231          (B) LOCATION: 1..57

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234      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
236 GGG GCT CGT CGG CAT GGT AAT TTT TCT CAT TTT TTT CAT CGG TCG TTG      48
237 Gly Ala Arg Arg His Gly Asn Phe Ser His Phe Phe His Arg Ser Leu
238   1           5           10           15
240 ATT GGG GCC      57
241 Ile Gly Ala
245 (2) INFORMATION FOR SEQ ID NO: 11:
247      (i) SEQUENCE CHARACTERISTICS:
248          (A) LENGTH: 19 amino acids
249          (B) TYPE: amino acid
250          (D) TOPOLOGY: linear
252      (ii) MOLECULE TYPE: protein
254      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
256 Gly Ala Arg Arg His Gly Asn Phe Ser His Phe Phe His Arg Ser Leu
257   1           5           10           15
259 Ile Gly Ala
262 (2) INFORMATION FOR SEQ ID NO: 12:
264      (i) SEQUENCE CHARACTERISTICS:
265          (A) LENGTH: 57 base pairs
266          (B) TYPE: nucleic acid
267          (C) STRANDEDNESS: single
268          (D) TOPOLOGY: linear
270      (ii) MOLECULE TYPE: cDNA
273      (ix) FEATURE:
274          (A) NAME/KEY: CDS
275          (B) LOCATION: 1..57
278      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
280 GGG GCT TGG AAG GCT TTG TTT AGT CAT TCT TAT CGT CCT CGG GGT TCG      48
281 Gly Ala Trp Lys Ala Leu Phe Ser His Ser Tyr Arg Pro Arg Gly Ser
282   1           5           10           15
284 GCT GGG GCC      57
285 Ala Gly Ala
289 (2) INFORMATION FOR SEQ ID NO: 13:
291      (i) SEQUENCE CHARACTERISTICS:
292          (A) LENGTH: 19 amino acids
293          (B) TYPE: amino acid
294          (D) TOPOLOGY: linear
296      (ii) MOLECULE TYPE: protein
298      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
300 Gly Ala Trp Lys Ala Leu Phe Ser His Ser Tyr Arg Pro Arg Gly Ser
301   1           5           10           15
303 Ala Gly Ala
306 (2) INFORMATION FOR SEQ ID NO: 14:
308      (i) SEQUENCE CHARACTERISTICS:
309          (A) LENGTH: 57 base pairs
310          (B) TYPE: nucleic acid
311          (C) STRANDEDNESS: single
312          (D) TOPOLOGY: linear
314      (ii) MOLECULE TYPE: cDNA

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/893,615

DATE: 07/13/2001

TIME: 13:53:58

Input Set : A:\Fischer 41-01.txt

Output Set: N:\CRF3\07132001\I893615.raw

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317      (ix) FEATURE:
318          (A) NAME/KEY: CDS
319          (B) LOCATION: 1..57
322      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:
324 GGG GCT AGG CAT TGG CGT CAT CGT ATT CCT CTT CAG CTT GCT GCT GGT      48
325 Gly Ala Arg His Trp Arg His Arg Ile Pro Leu Gln Leu Ala Ala Gly
326   1               5               10               15
328 CGT GGG GCC
329 Arg Gly Ala
333 (2) INFORMATION FOR SEQ ID NO: 15:
335     (i) SEQUENCE CHARACTERISTICS:
336         (A) LENGTH: 19 amino acids
337         (B) TYPE: amino acid
338         (D) TOPOLOGY: linear
340     (ii) MOLECULE TYPE: protein
342     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:
344 Gly Ala Arg His Trp Arg His Arg Ile Pro Leu Gln Leu Ala Ala Gly
345   1               5               10               15
347 Arg Gly Ala
350 (2) INFORMATION FOR SEQ ID NO: 16:
352     (i) SEQUENCE CHARACTERISTICS:
353         (A) LENGTH: 57 base pairs
354         (B) TYPE: nucleic acid
355         (C) STRANDEDNESS: single
356         (D) TOPOLOGY: linear
358     (ii) MOLECULE TYPE: cDNA
361     (ix) FEATURE:
362         (A) NAME/KEY: CDS
363         (B) LOCATION: 1..57
366     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16:
368 GGG GCT TGG CAT TGG CGT CAT CGT ATT CCT CTT CAG CTT GCT GCT GGT      48
369 Gly Ala Trp His Trp Arg His Arg Ile Pro Leu Gln Leu Ala Ala Gly
370   1               5               10               15
372 CGT GGG GCC
373 Arg Gly Ala
377 (2) INFORMATION FOR SEQ ID NO: 17:
379     (i) SEQUENCE CHARACTERISTICS:
380         (A) LENGTH: 19 amino acids
381         (B) TYPE: amino acid
382         (D) TOPOLOGY: linear
384     (ii) MOLECULE TYPE: protein
386     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17:
388 Gly Ala Trp His Trp Arg His Arg Ile Pro Leu Gln Leu Ala Ala Gly
389   1               5               10               15
391 Arg Gly Ala
394 (2) INFORMATION FOR SEQ ID NO: 18:
396     (i) SEQUENCE CHARACTERISTICS:
397         (A) LENGTH: 57 base pairs
398         (B) TYPE: nucleic acid

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VERIFICATION SUMMARYPATENT APPLICATION: **US/09/893,615**

DATE: 07/13/2001

TIME: 13:53:59

Input Set : **A:\Fischer 41-01.txt**Output Set: **N:\CRF3\07132001\I893615.raw**

L:33 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]

L:34 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]

L:156 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6

L:171 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7